



F300 Firefighting Thermal Camera



- with a high sensitivity 384x288 resolution infrared detector.
- Using the principle of infrared penetrating smoke, trapped people can be quickly located, rescue plans can be drawn up and carried out in a safe manner.
- It is an ergonomically designed for use with firefighters gloves and protective head gear.
- It meets fire protection standards and can be used for spot fire detection, search and rescue and fire investigations.



Ergonomic design, simple and convenient operation



IP67 protected for water rescue



Rubber coated—2 meter drop tested



Light weight and can float on water



Heat insulation design ensures normal operation in high temperature environments



Operation mode is simple and can quickly save pictures and record videos.



WiFi, electronic compass, laser pointer



Real-time monitoring of fire scene temperature to indicate high-risk areas



Model	F300
Image Performance	
Resolution	384*288 @ 17μm
Super Resolution	Up to 768x576 pixels
Wavelength	7.5~14μm
Image Frame Frequency	25Hz
NETD	≤0.05°C@30°C
FOV	44.4°x 34°
Focal Length	8mm
I FOV	2.1mrad
Zoom	1-8x
Focus	Fixed
Display	
Screen	3.5-inch LCD screen
Image Mode	Fire, overhaul, estimation, inspection, missing persons, WB, HB
Palette	12 color palettes to choose from (Iron Red, Rainbow, White Hot, Black Hot, etc.)
IR Image Format	JPEG
Image Storage	Standard 32GB(64G optional)
Transfer Interfaces	Type-C & WiFi
Laser Pointer	Yes
Compass	Yes
Measurement & Analysis	
Temperature Measurement Range	-40°C~1200°C(expandable to 2000°C)
Temperature Accuracy	±2°C or ±2% (Use the maximum value)
Temperature Measurement Mode	Full-screen maximum and minimum temperature capture, center temperature detection
Power Supply	
Battery Type	Rechargeable Lithium Ion
Battery Hours	Approximately 3 hours Continuous working Time
Battery Charger	Battery dock and direct USB
Environmental	
Working Temperature	-10°C~50°C, <95%
Storage Temperature	-40°C~70°C
Enclosure Rating	IP67
Vibration	GB/T2423.10-2019
Shock	GB/T2423.5-2019
Physical Specification	
Weight	<970g including the battery
Dimensions	115.6×279.5×123mm
Accessories	F300 thermal imager, 2 rechargeable lithium batteries, seat charger, power adapter, USB cable(packing list, factory inspection report, user manual, certificate, warranty card), hard carrying case